

FIG. 1

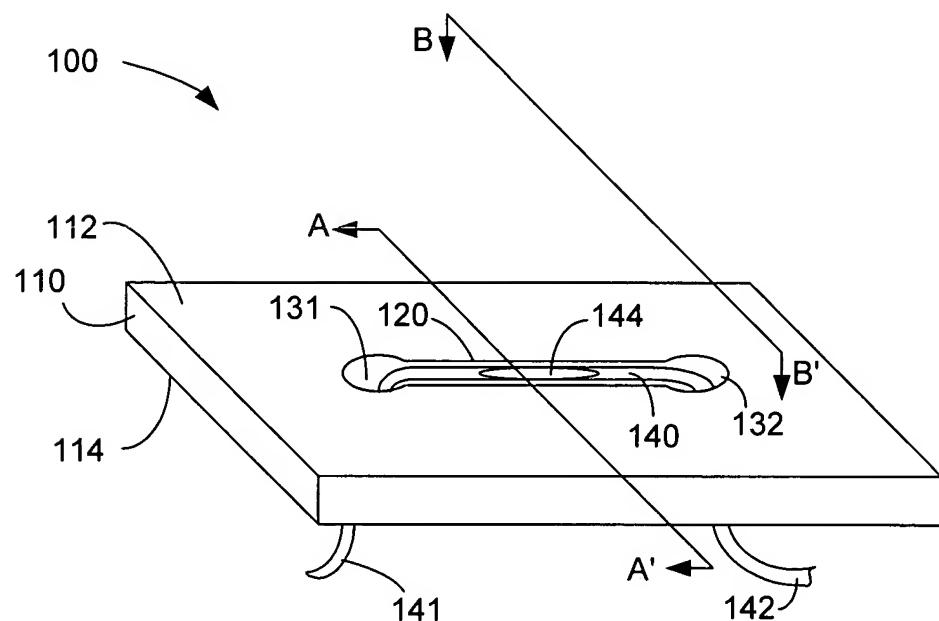


FIG. 2A

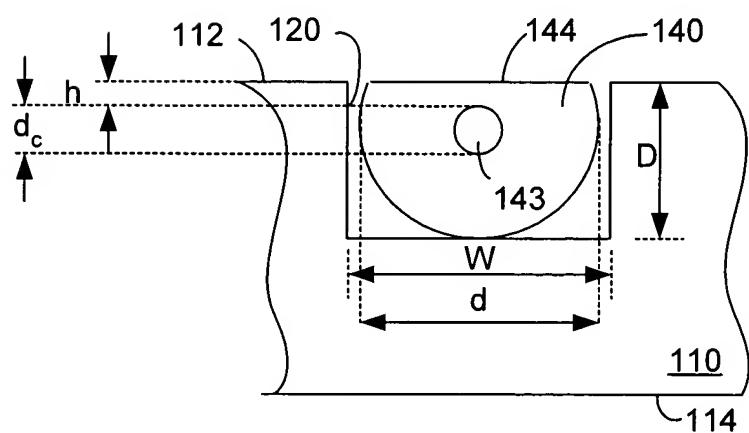


FIG. 2B

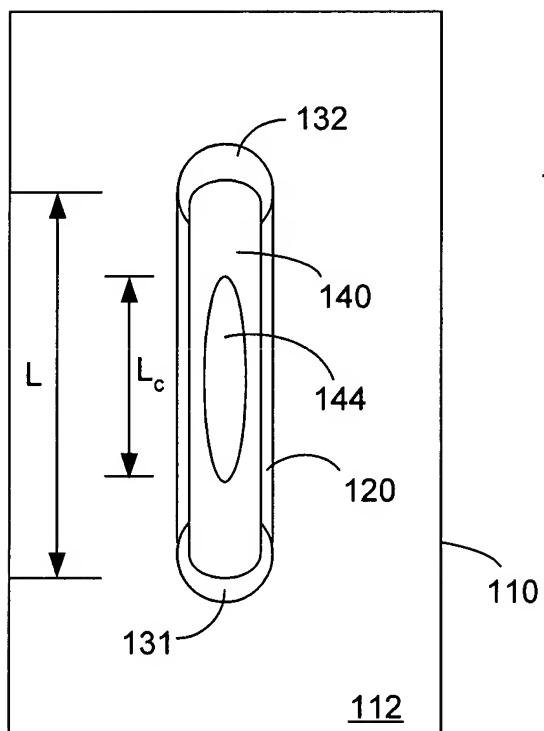


FIG. 2C

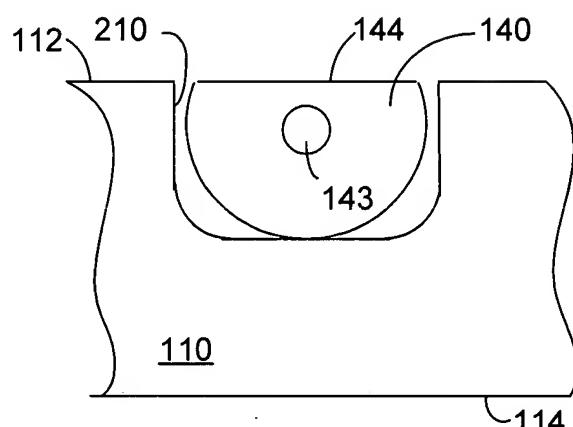


FIG. 2D

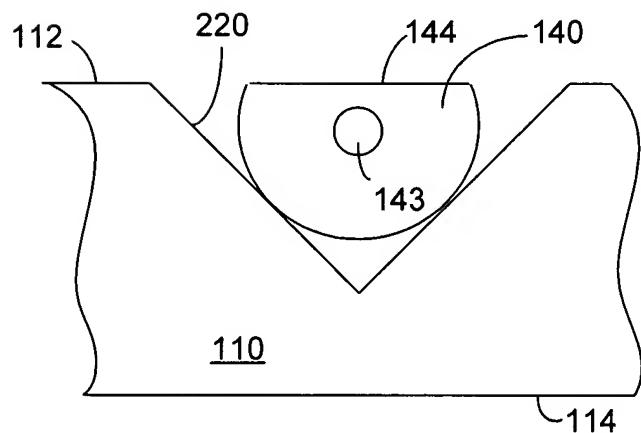


FIG. 2E

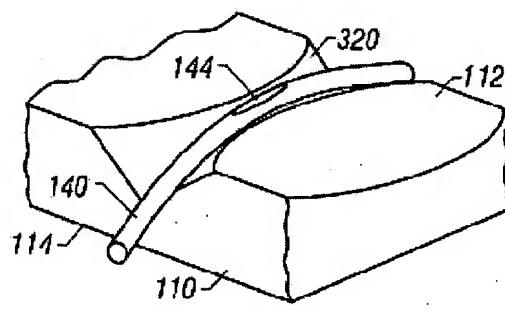


FIG. 3A

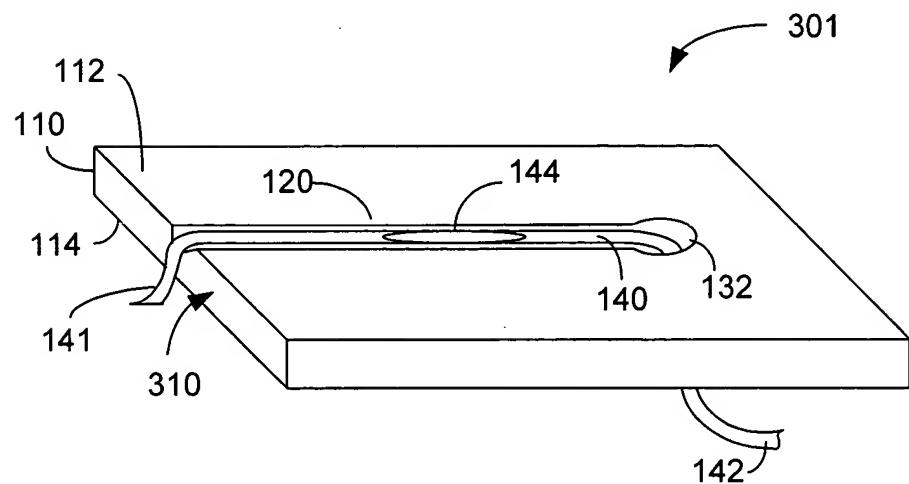


FIG. 3B

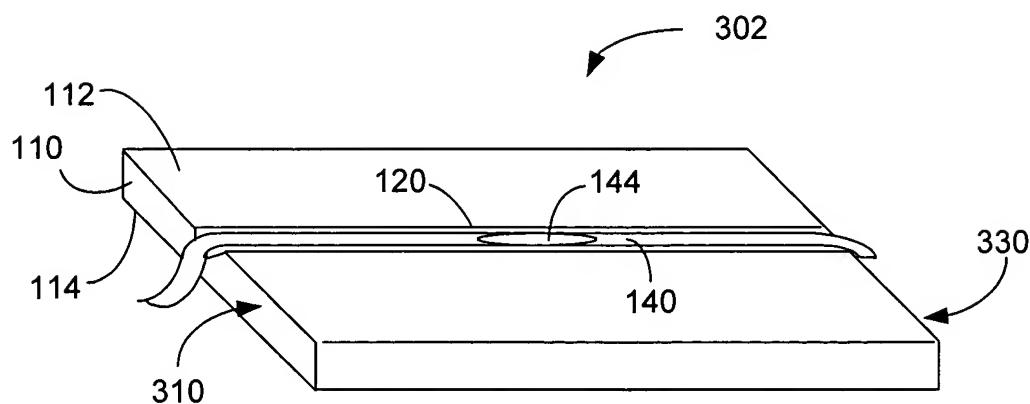


FIG. 4

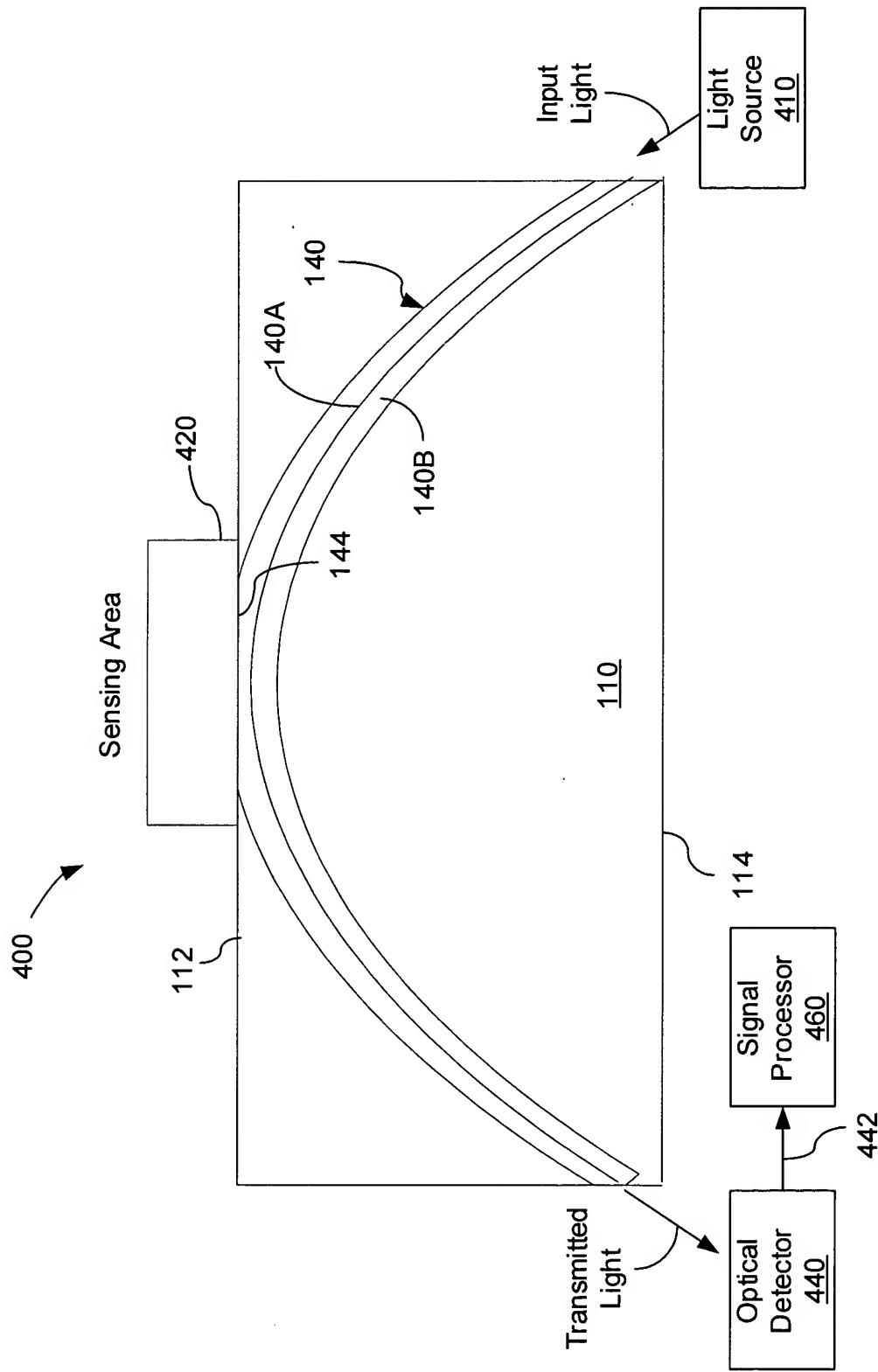


FIG. 5

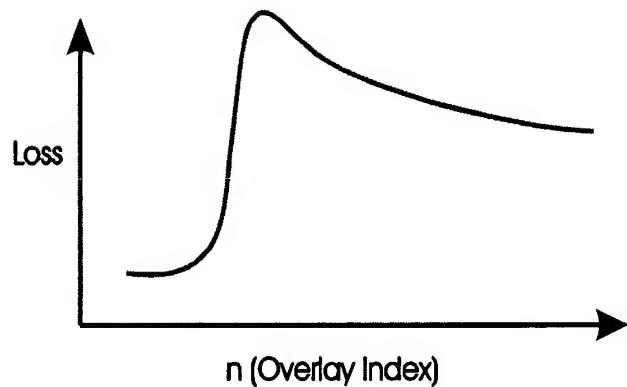


FIG. 6

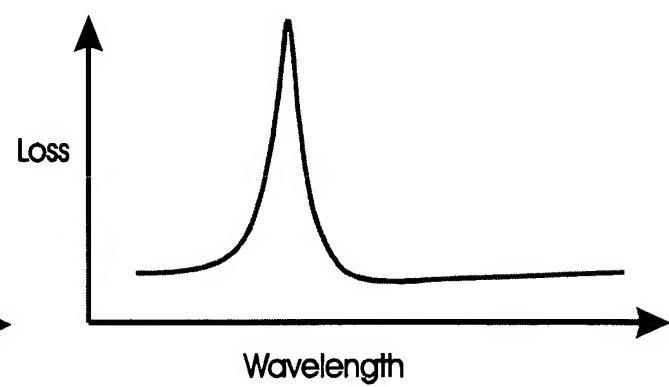


FIG. 7A

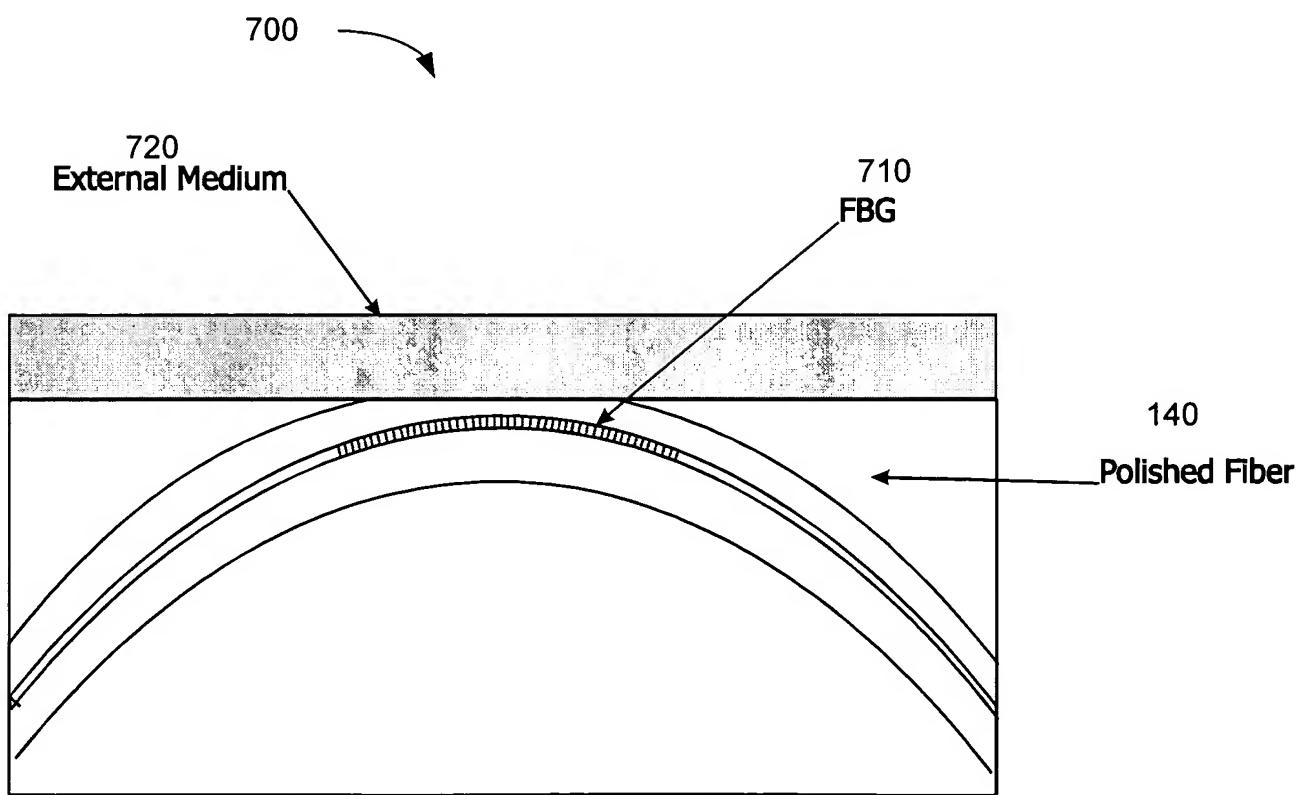


FIG. 7B

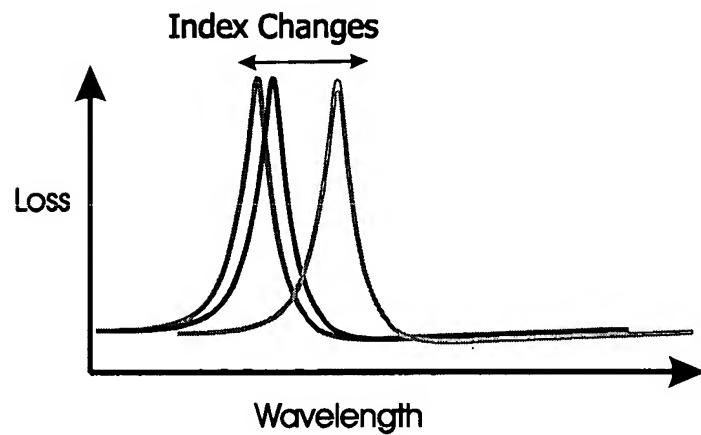


FIG. 8A

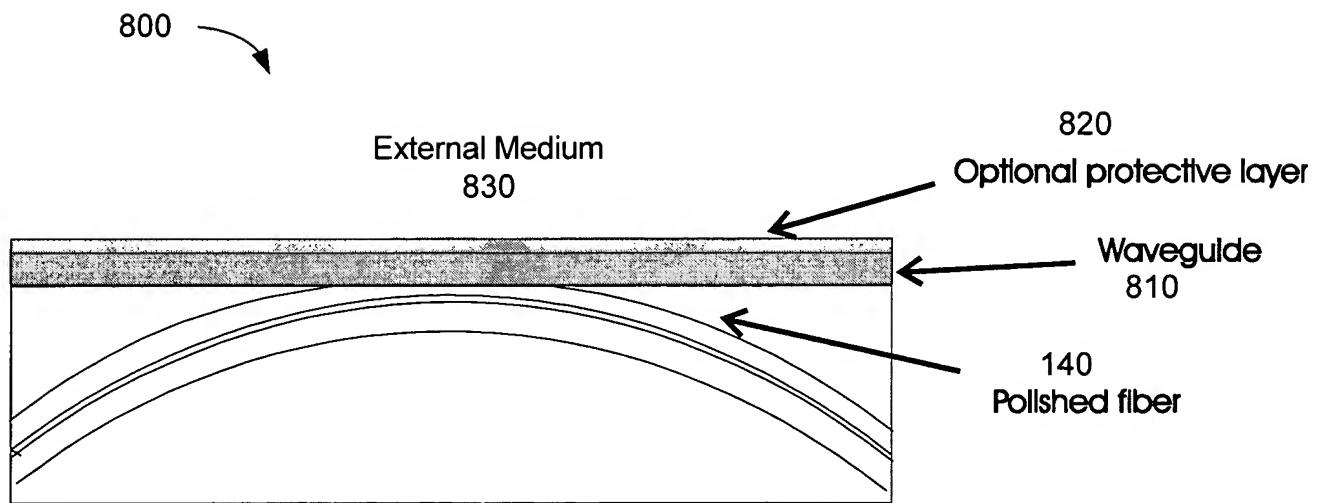


FIG. 8B

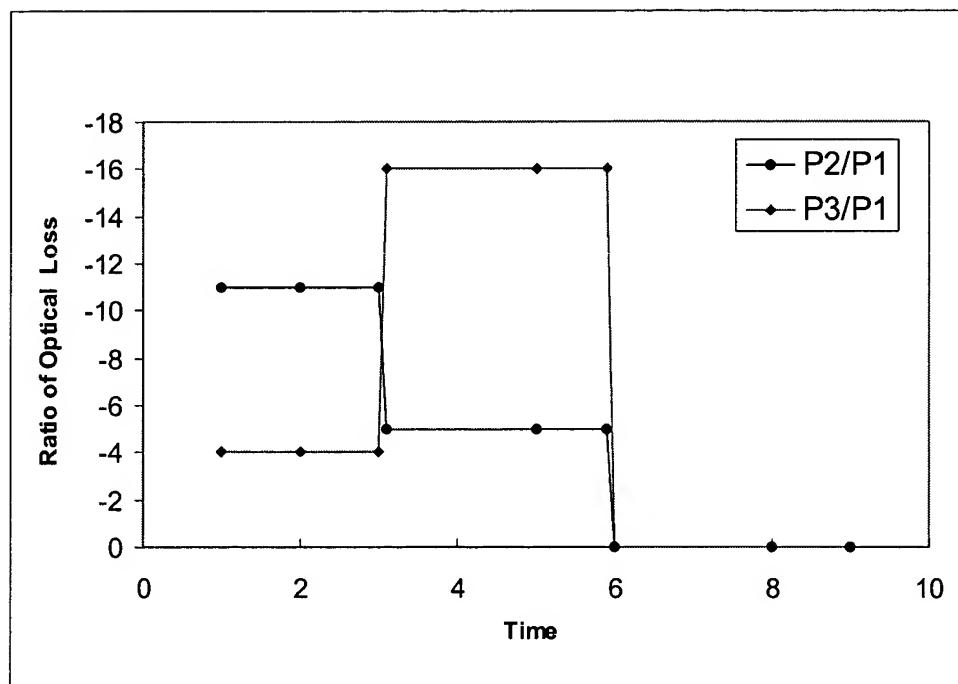


FIG. 8C

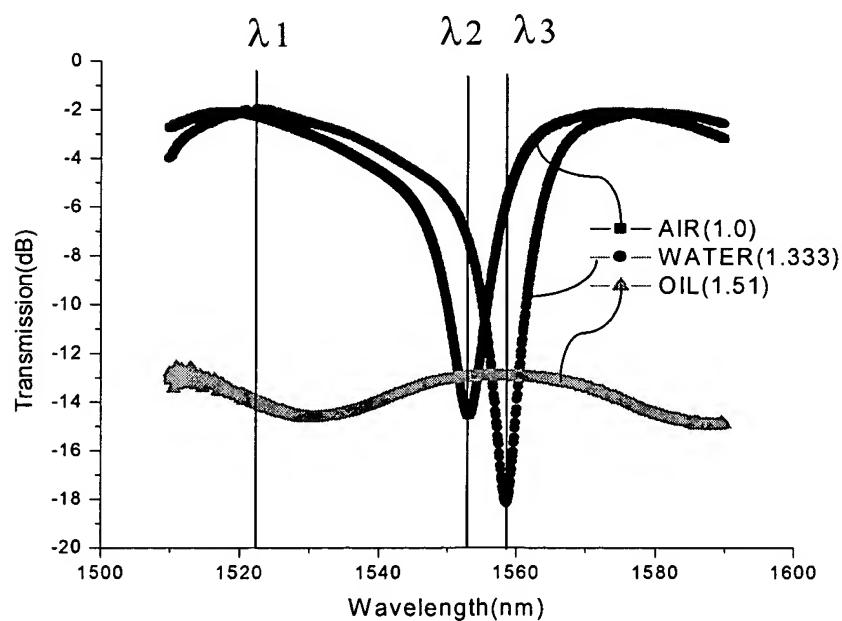


FIG. 9

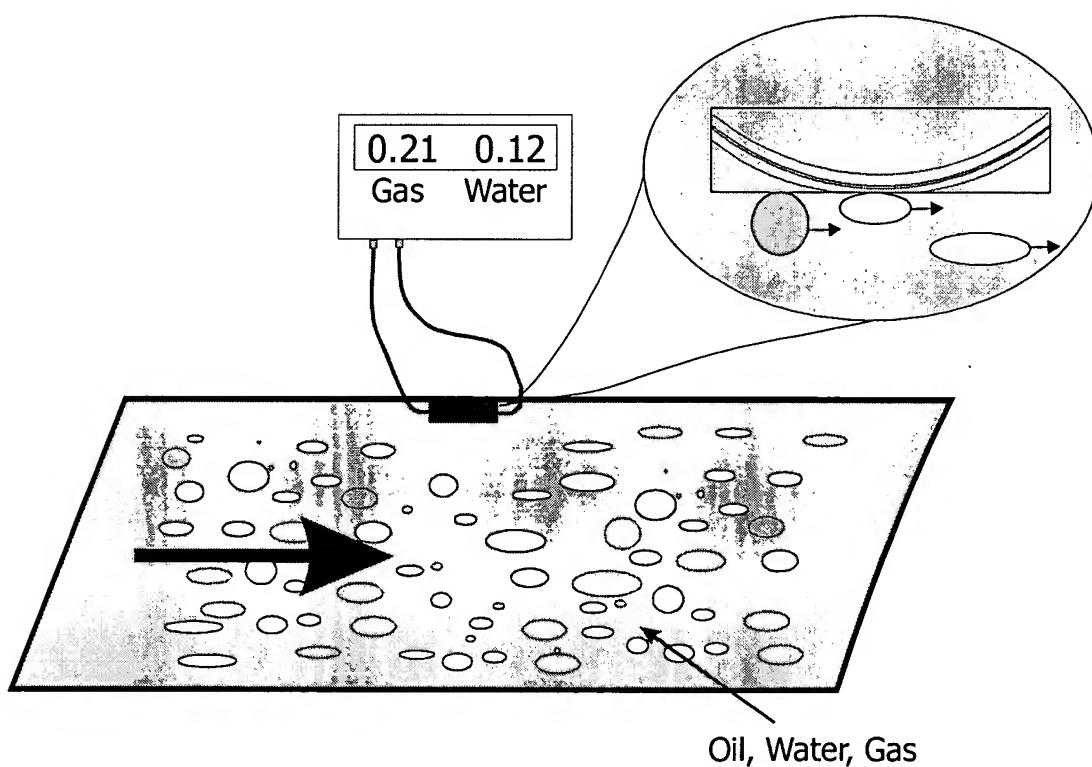


FIG. 10A

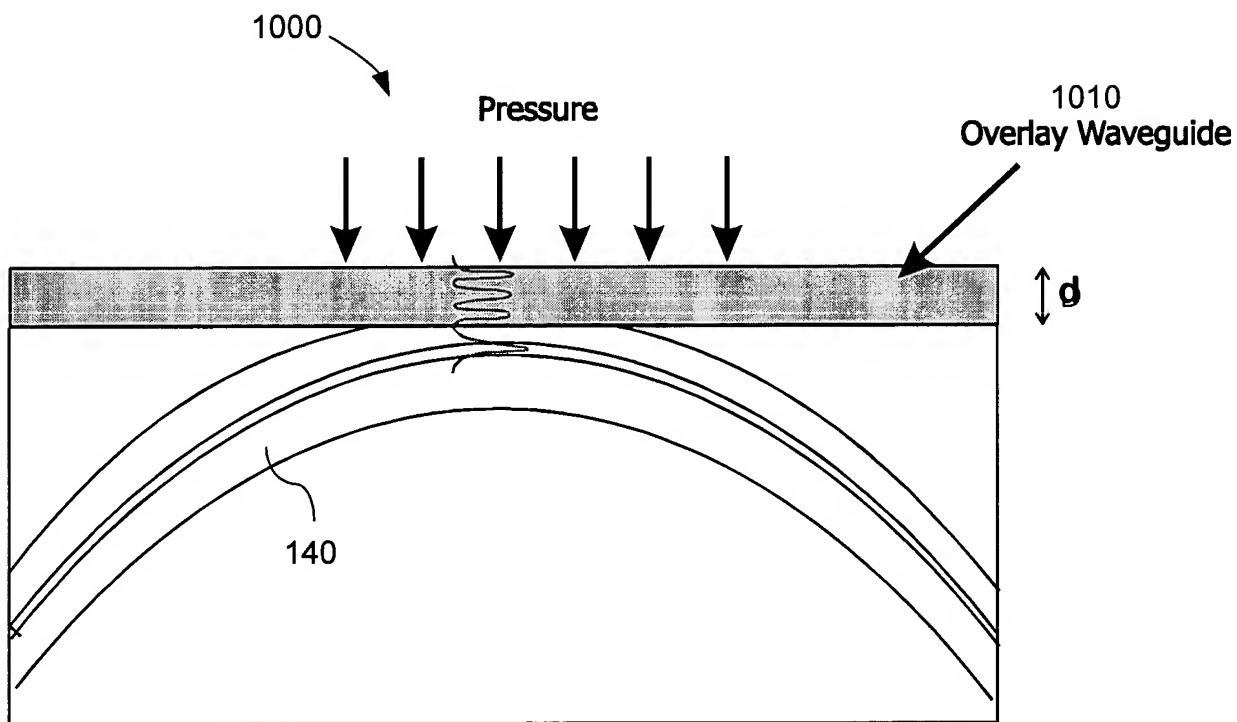


FIG. 10B

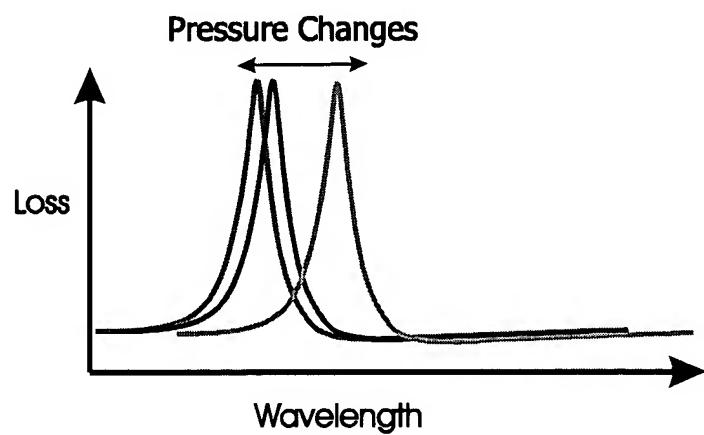


FIG. 11

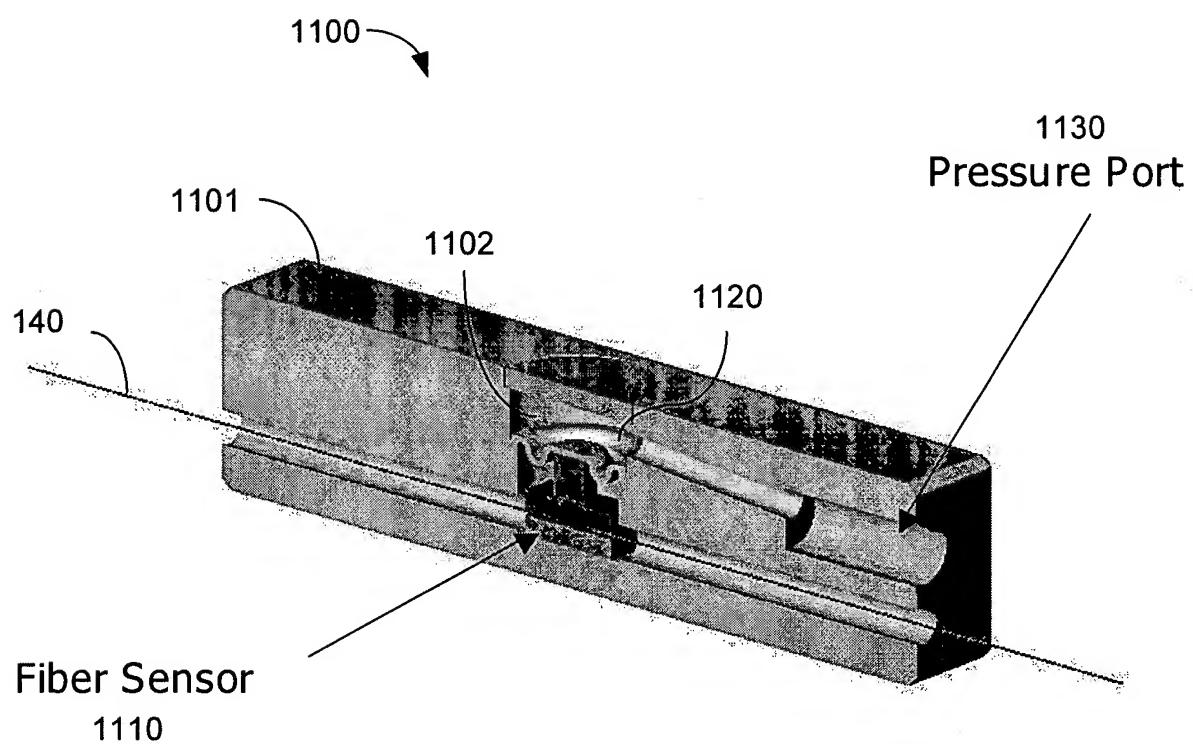


FIG. 12

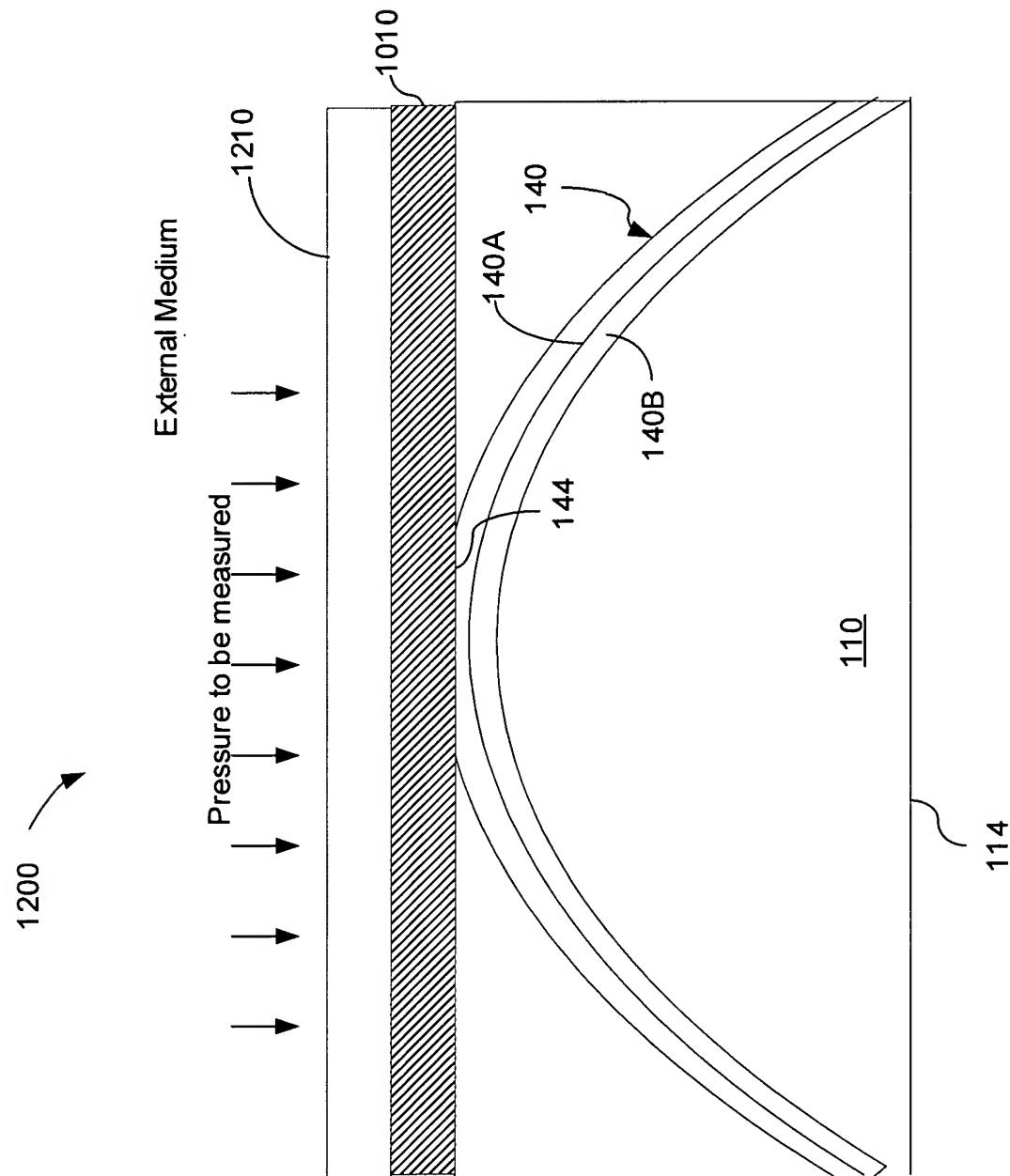


FIG. 12A

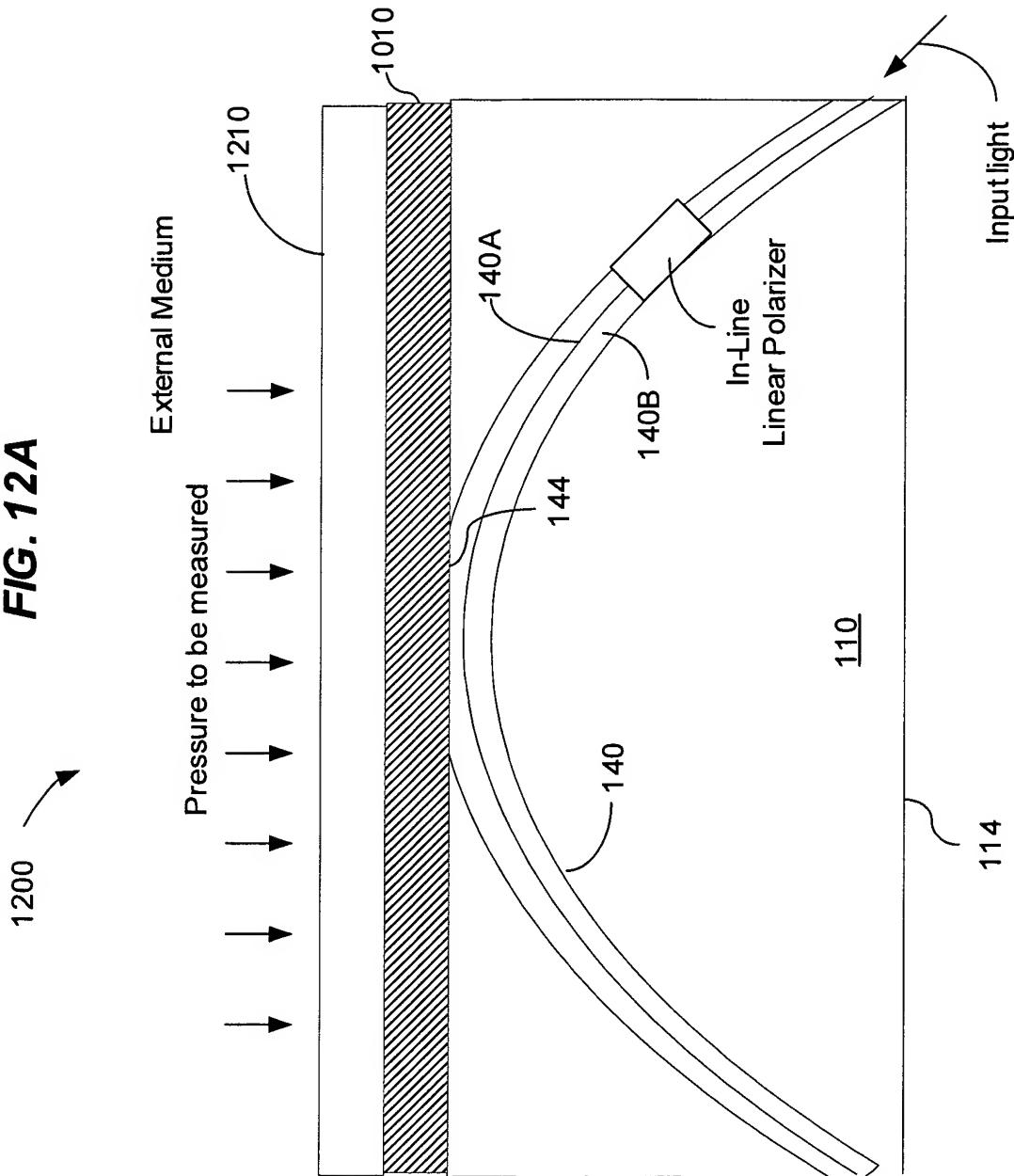


FIG. 12B

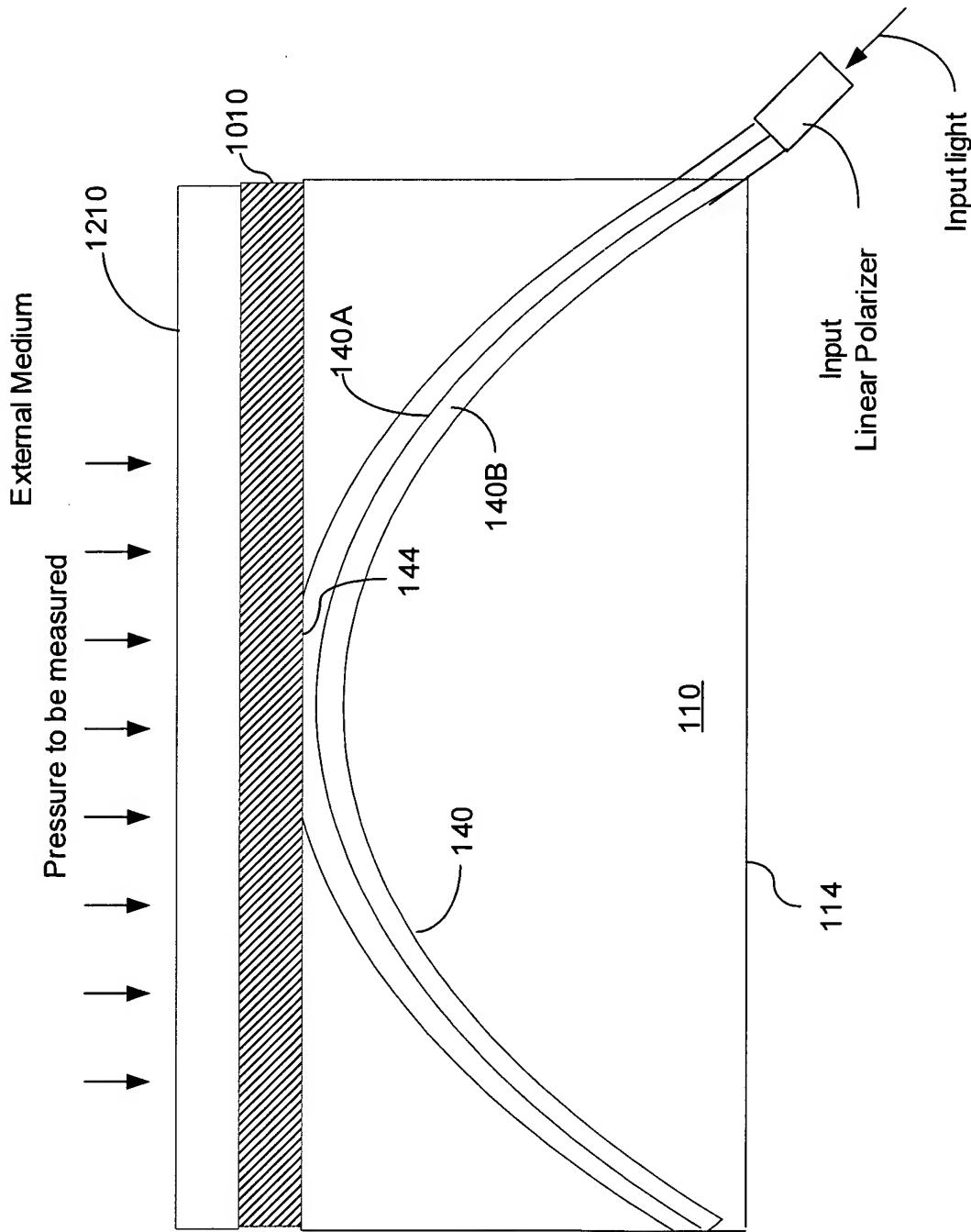


FIG. 13A

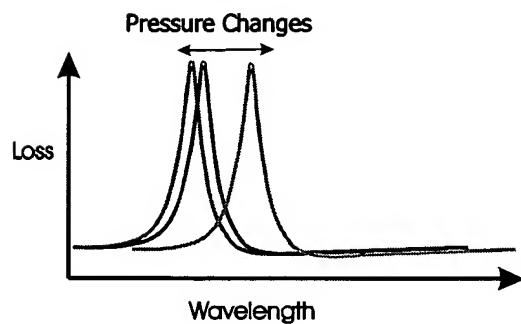
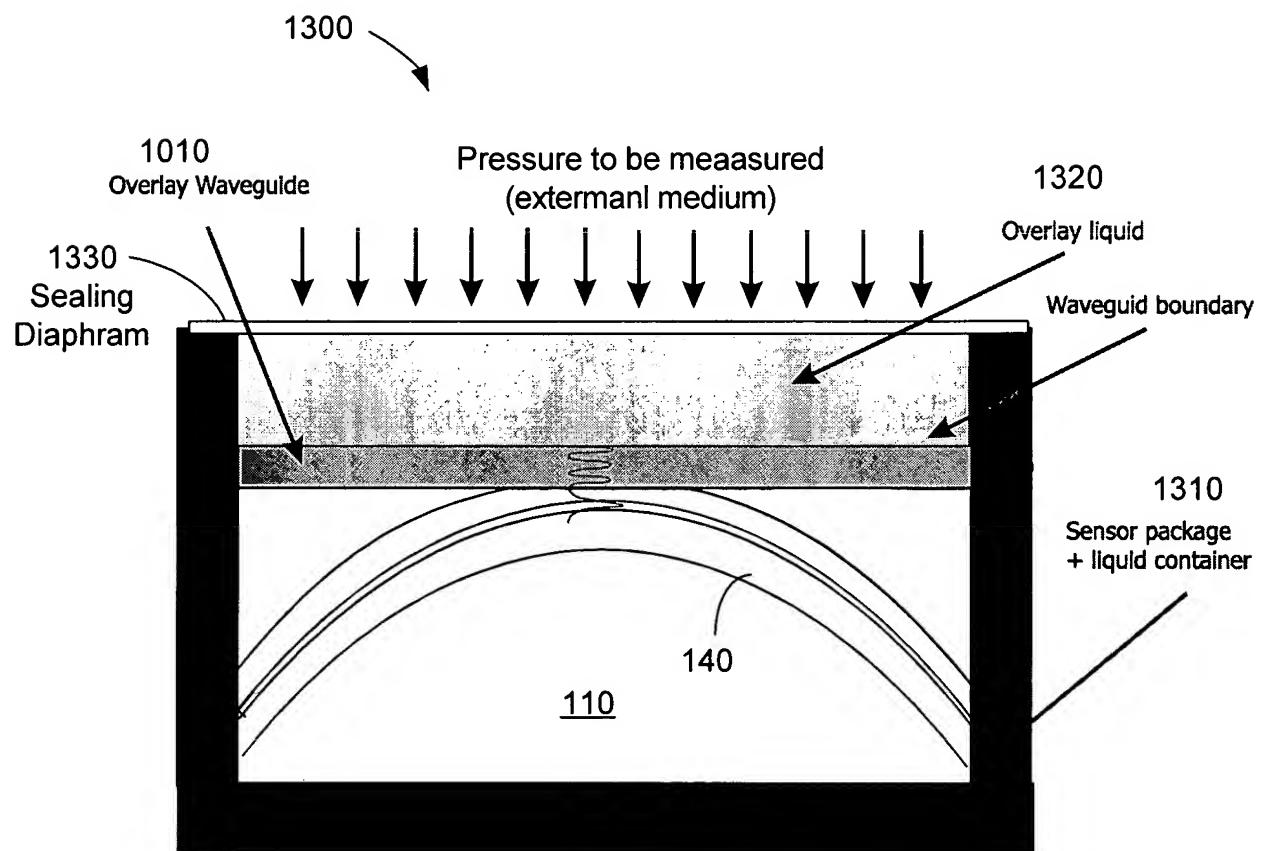


FIG. 13B

FIG. 14A

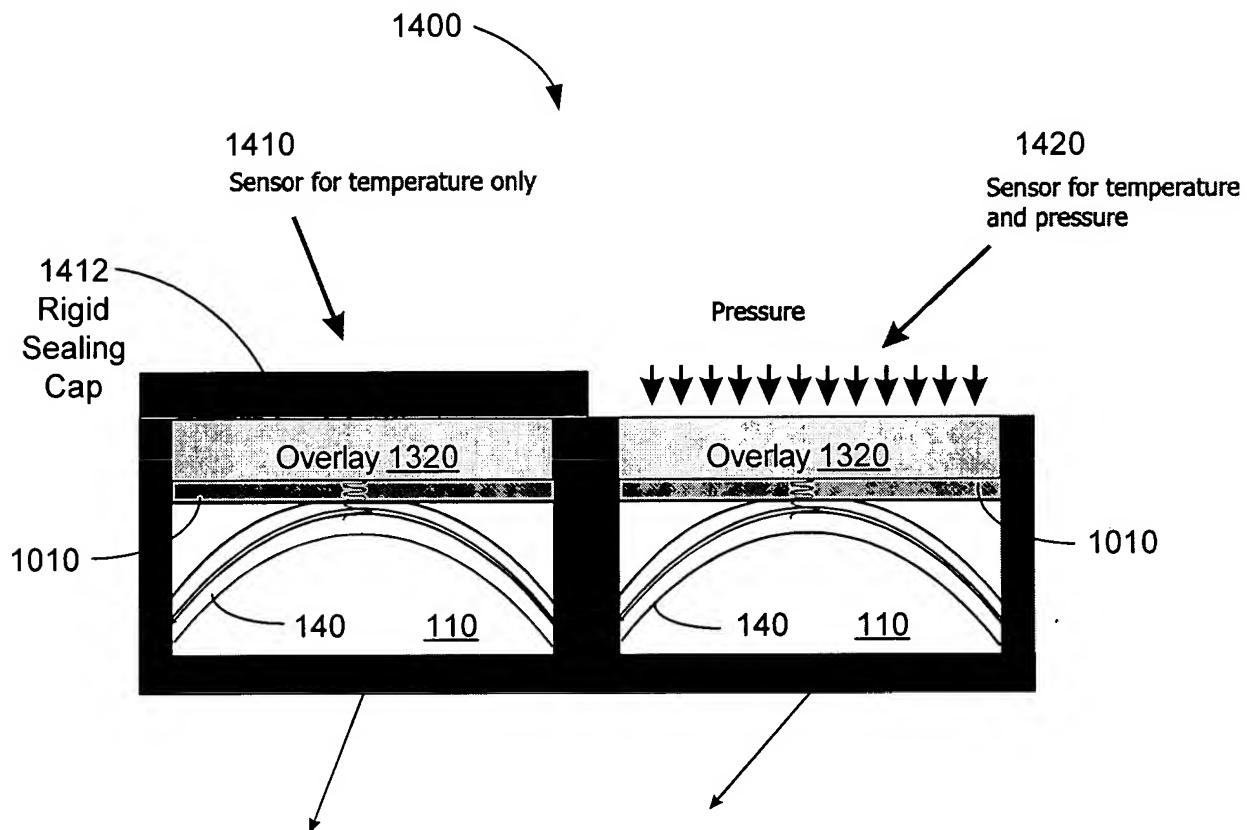


FIG. 14B

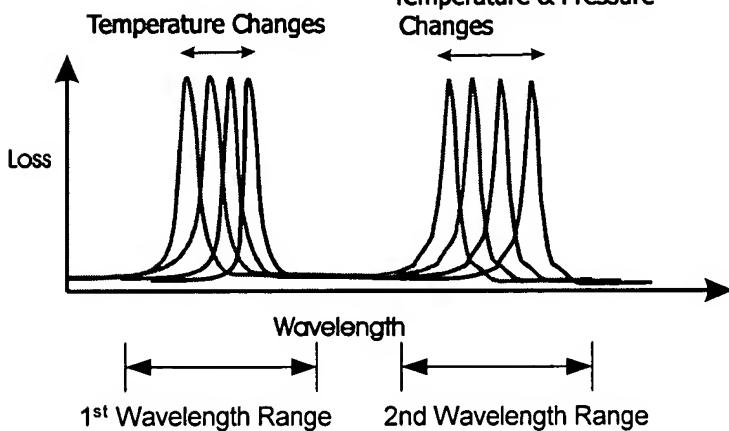


FIG. 15A

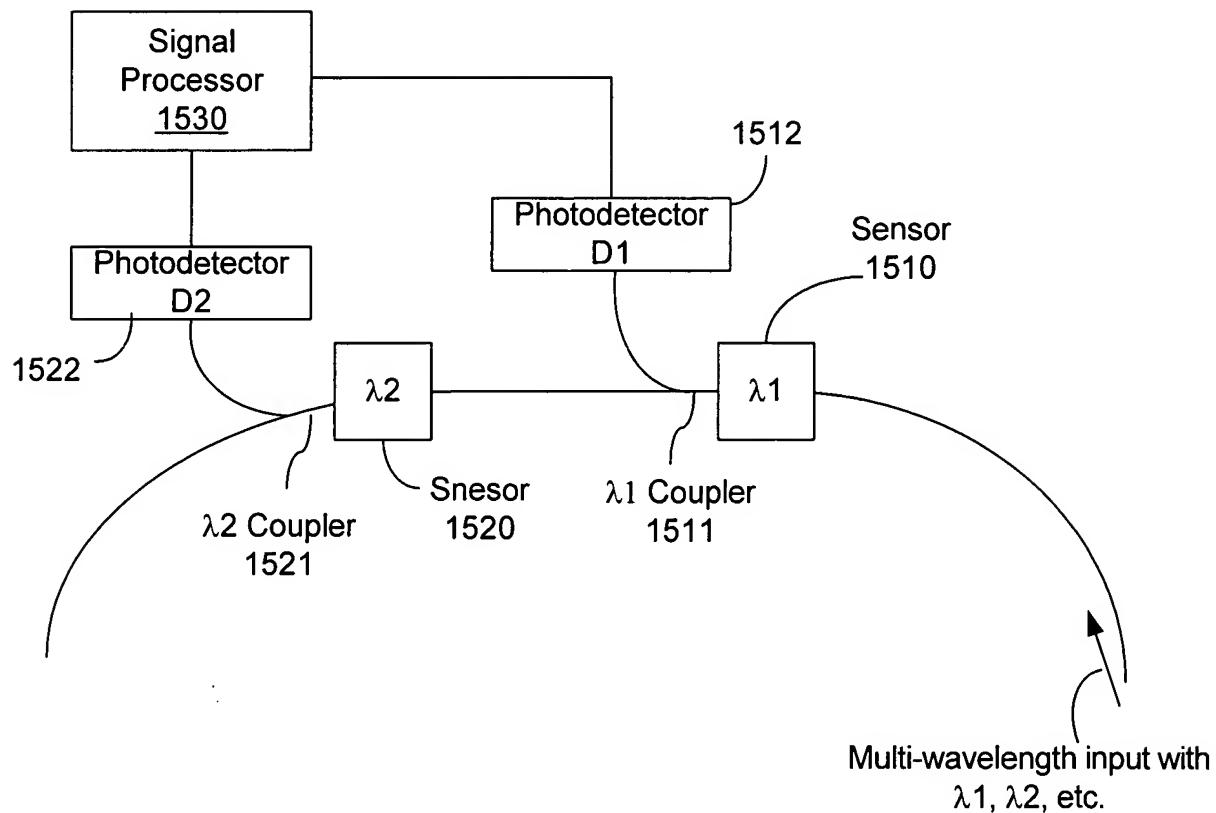


FIG. 15B

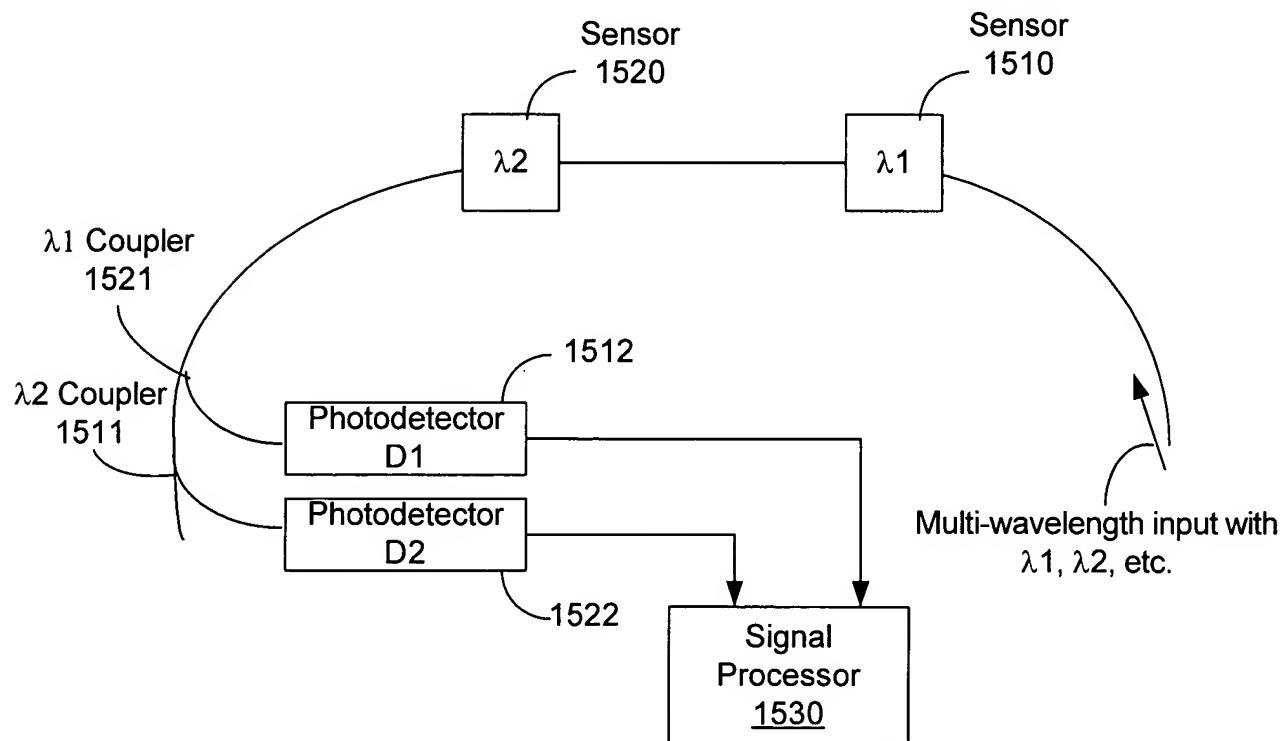


FIG. 16

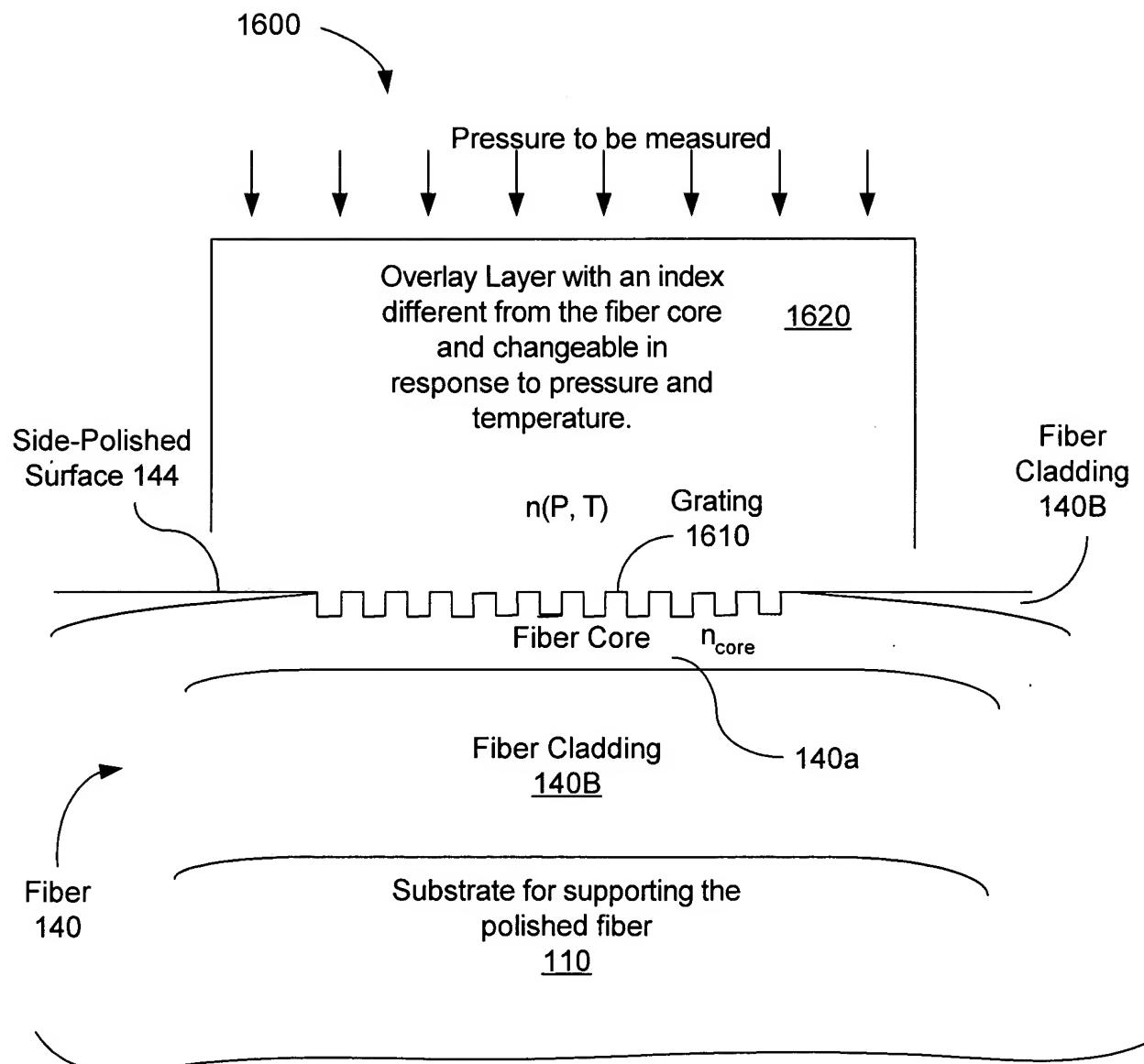


FIG. 17

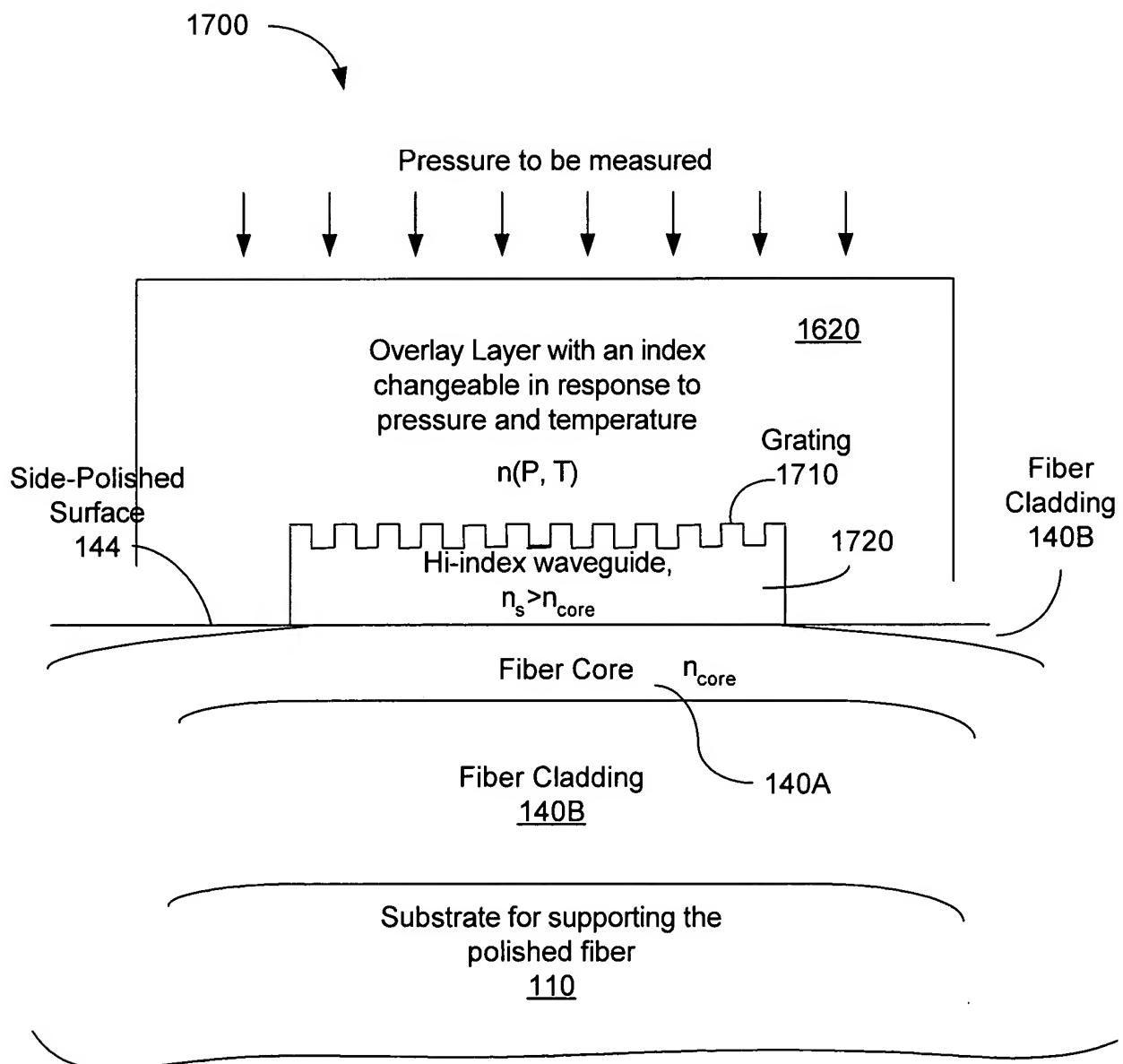


FIG. 18A

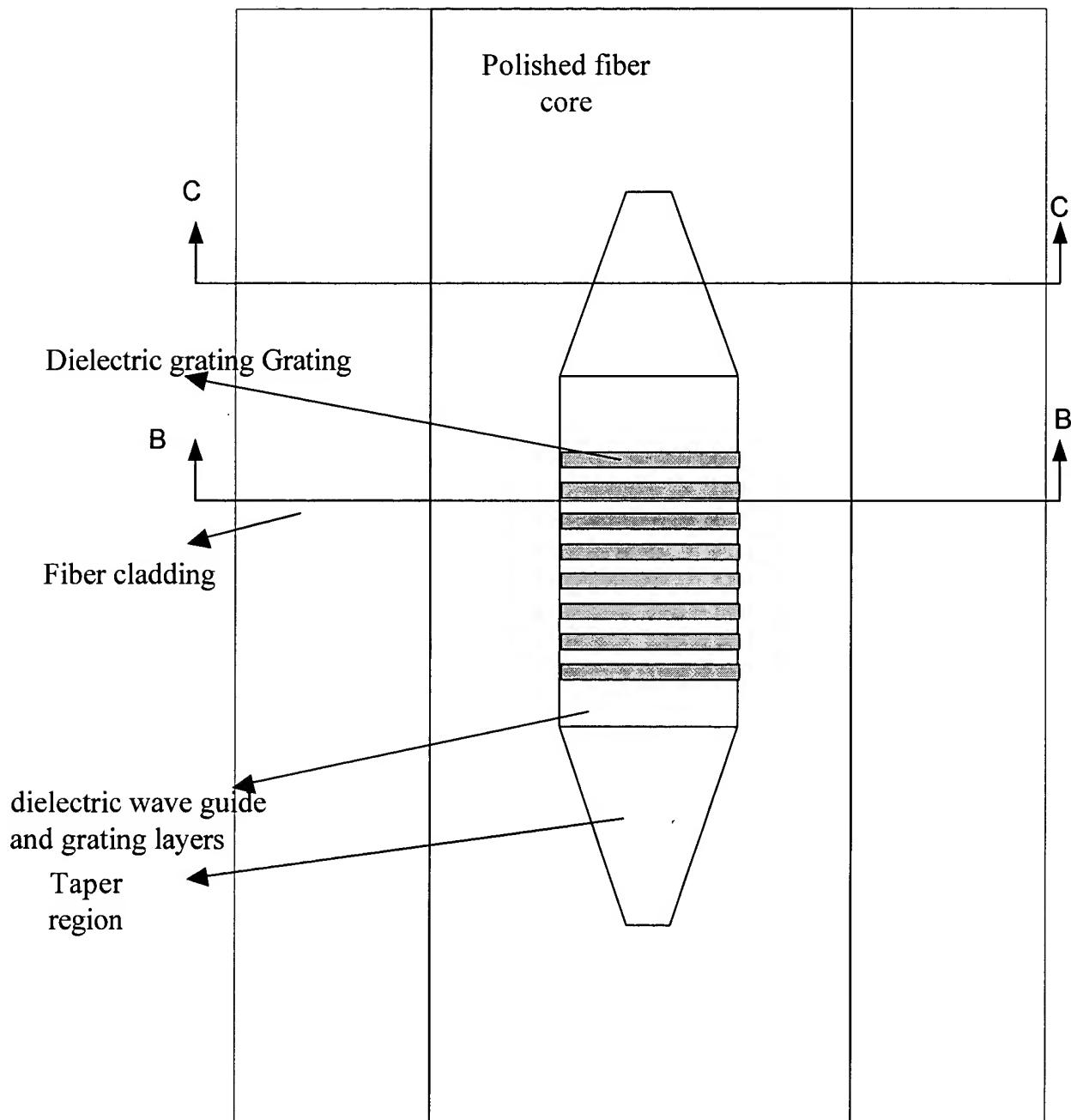


FIG. 18B

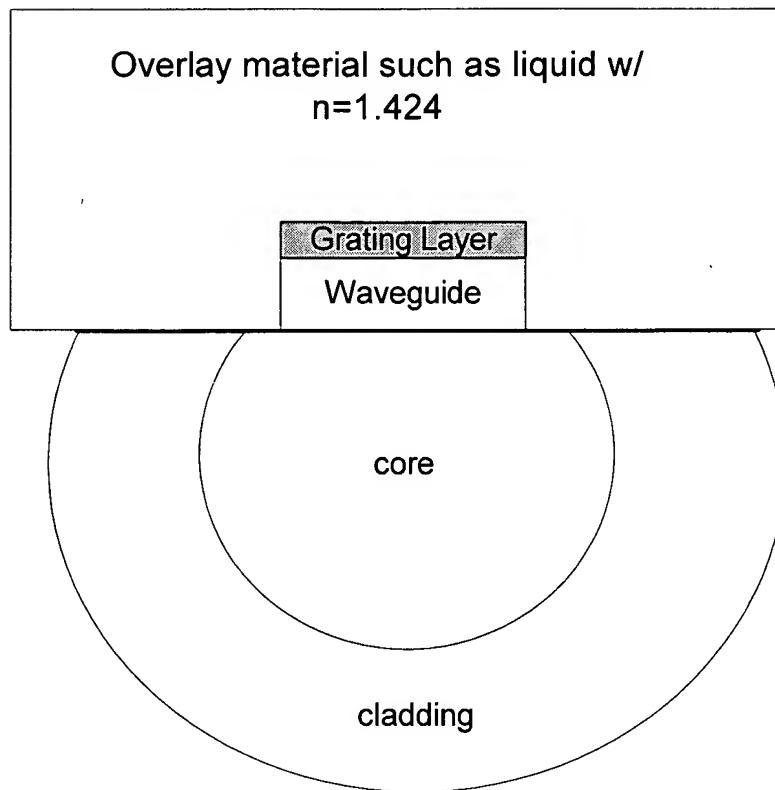


FIG. 18C

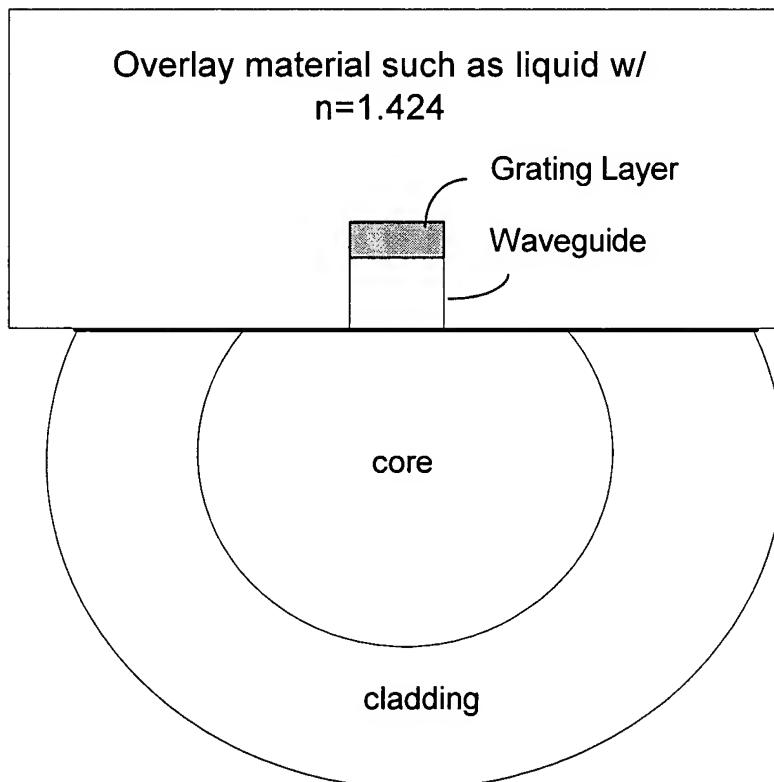


FIG. 19

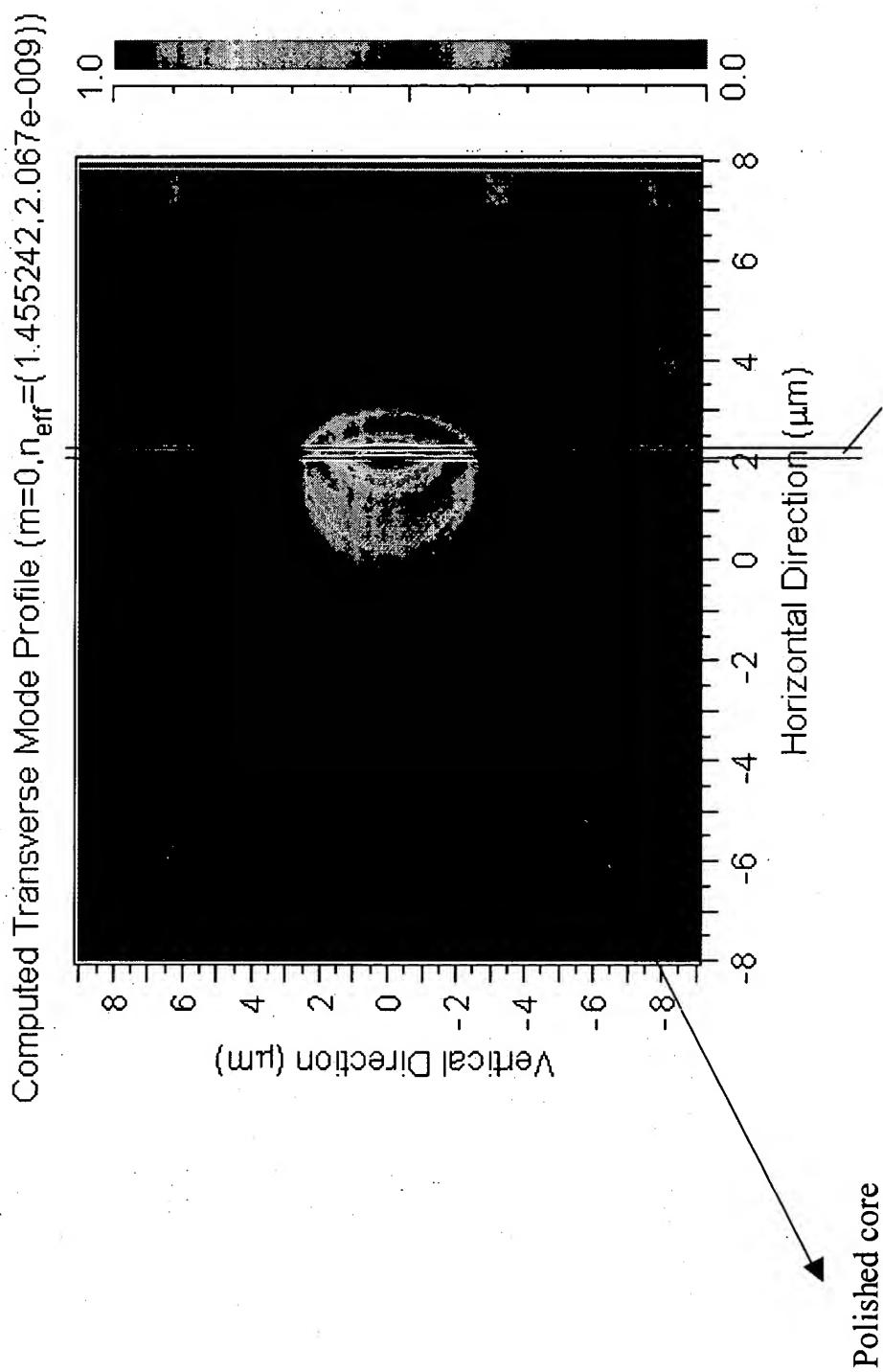
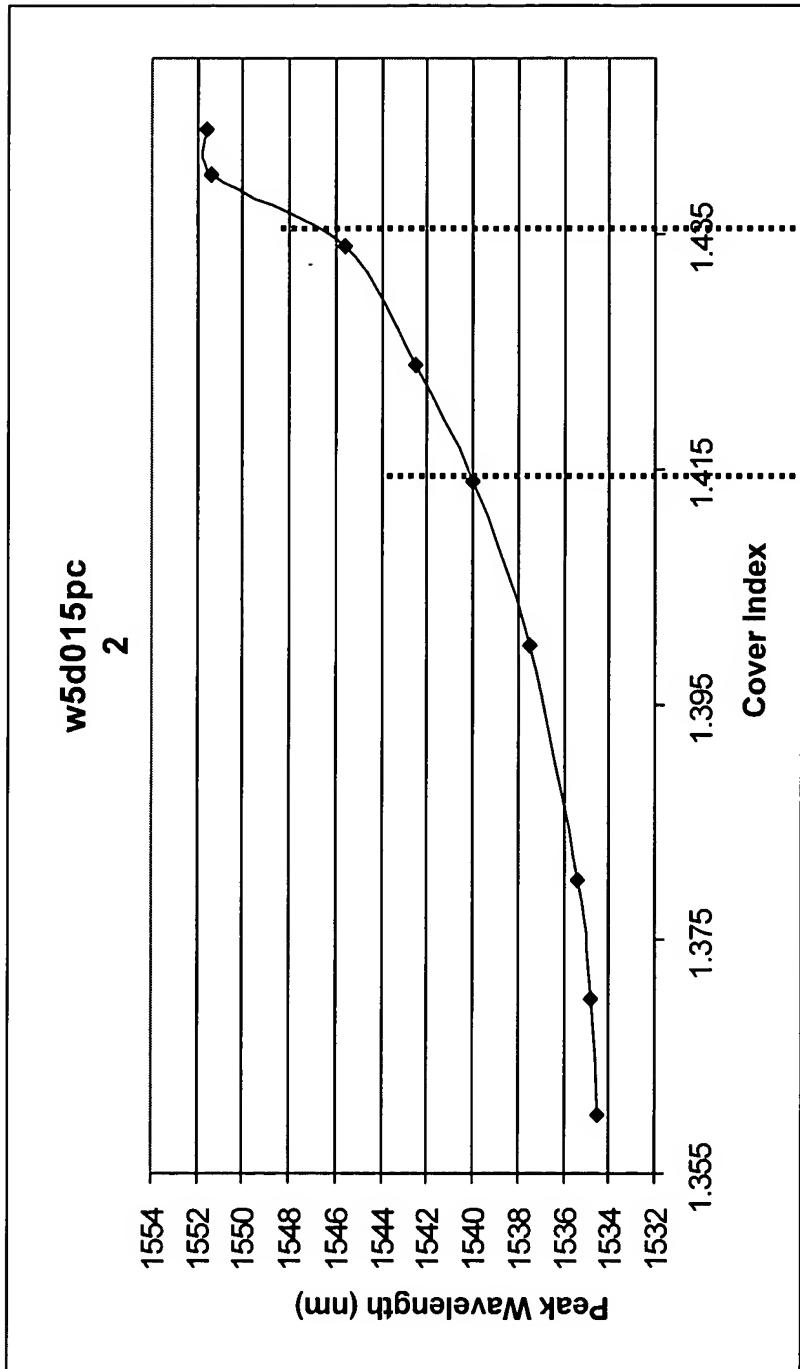


FIG. 20



Change of cover index from 1.415 to 1.435 can result in a shift of reflection peak from 1540 to 1546nm. The 1/10000 of the shift can be easily detected by many commercial wavelength meter.

FIG. 21

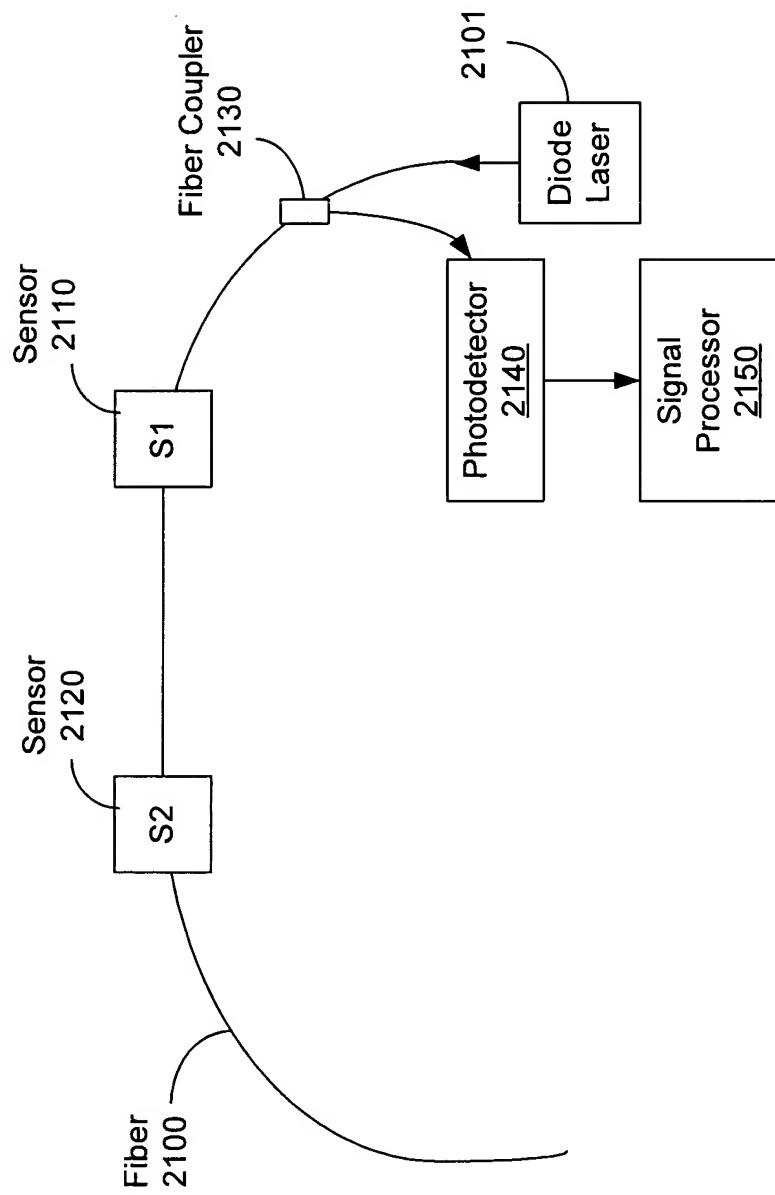


FIG. 22

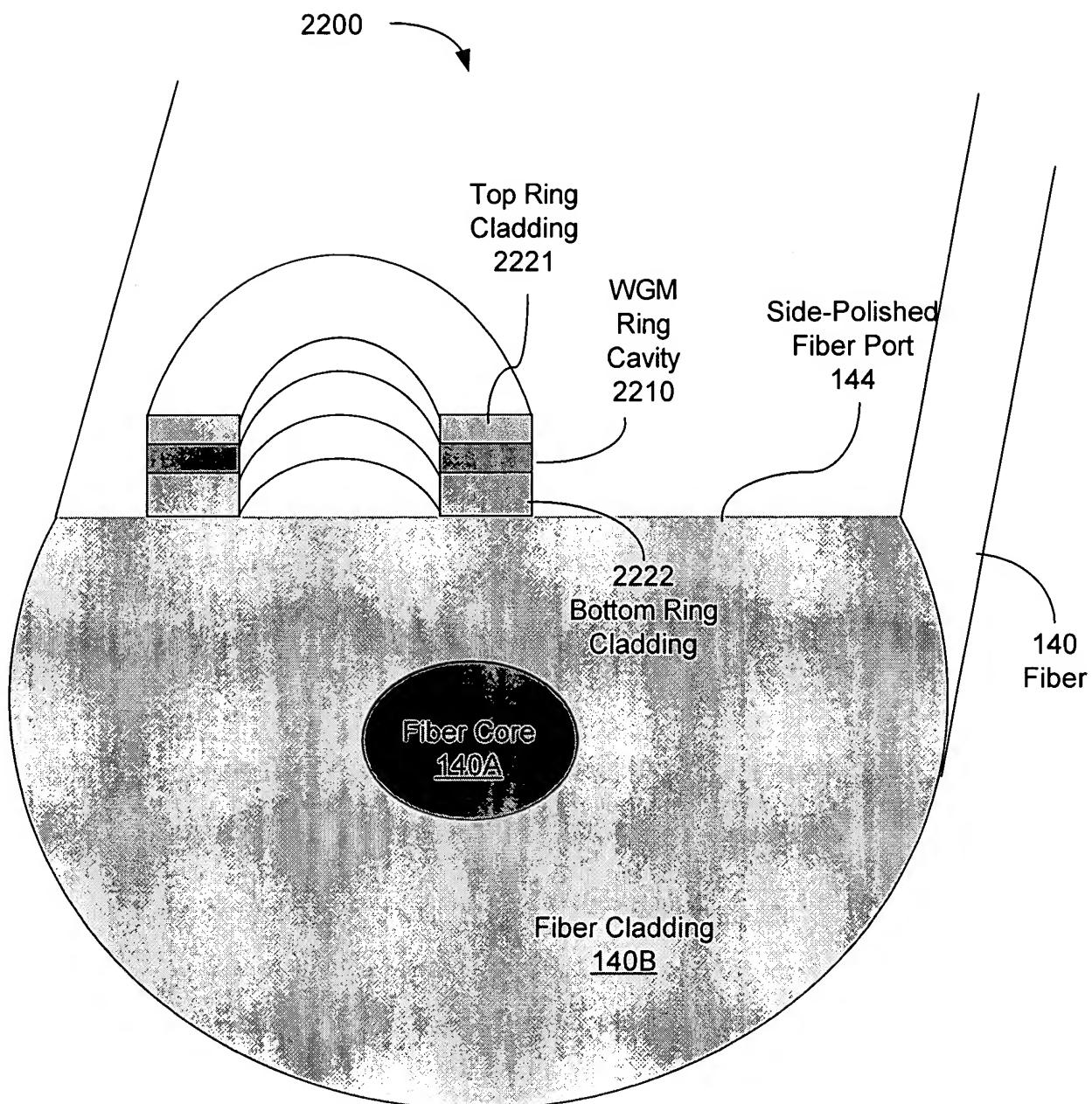


FIG. 23

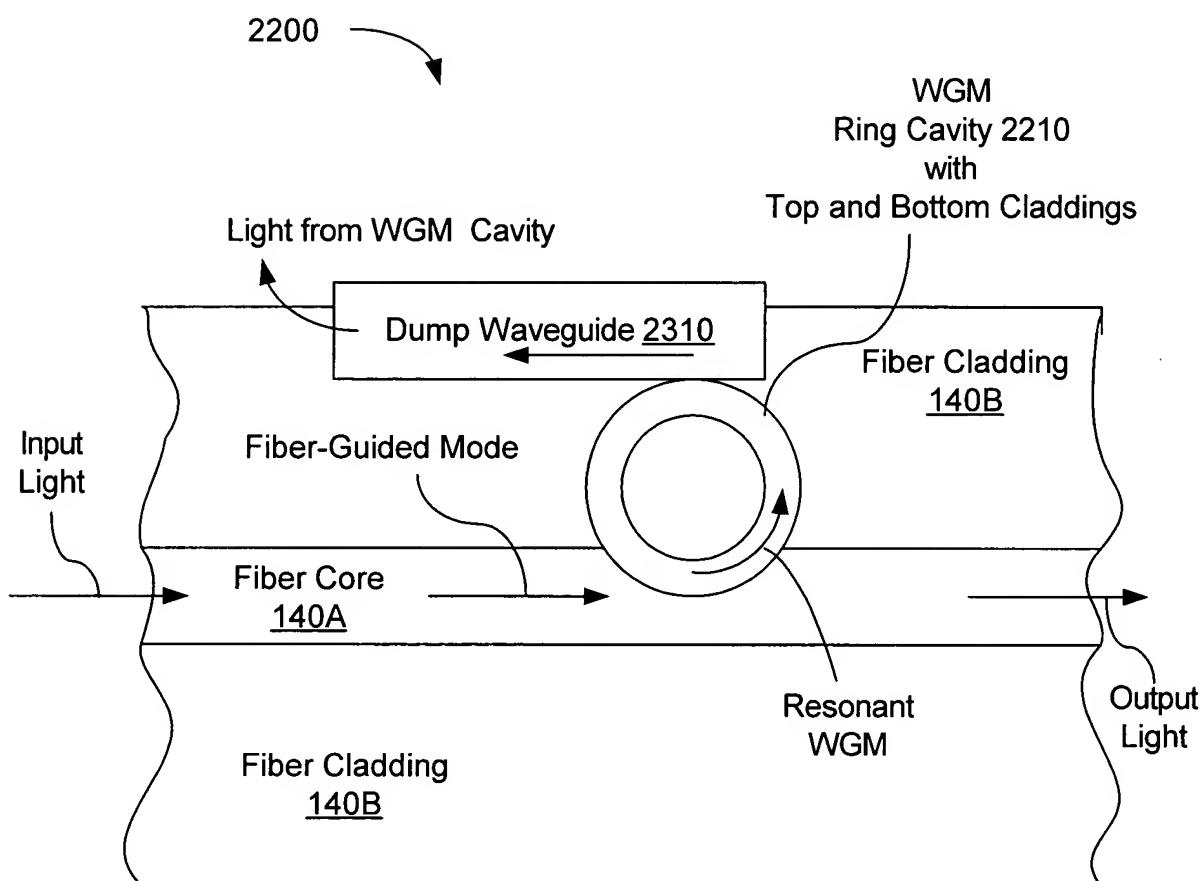


FIG. 24

